

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US-3,567,029	03-02-1971	Quame	All
	U2	US-3,608,546	09-28-1971	Shinn	All
	U3	US-3,649,199	03-14-1972	Littlejohn	All
	U4	US-3,792,272	02-12-1974	Harte <i>et al.</i>	All
	U5	US-3,877,291	04-15-1975	Hoppesch <i>et al.</i>	All
	U6	US-3,951,607	04-20-1976	Fraser	All
	U7	US-3,955,926	05-11-1976	Fischer	All
	U8	US-4,150,670	04-24-1979	Jewett <i>et al.</i>	All
	U9	US-4,202,352	05-13-1980	Osborn	All
	U10	US-4,215,409	07-29-1980	Strowe	All
	U11	US-4,312,228	01-26-1982	Wohltjen	All
	U12	US-4,314,564	02-09-1982	Albarda	All
	U13	US-4,334,540	06-15-1982	Preti <i>et al.</i>	All
	U14	US-4,346,584	08-31-1982	Boehringer	All
	U15	US-4,349,626	09-14-1982	Labows <i>et al.</i>	All
	U16	US-4,361,026	11-30-1982	Muller <i>et al.</i>	All
	U17	US-4,399,686	08-23-1983	Kindlund <i>et al.</i>	All
	U18	US-4,432,226	02-21-1984	Dempster	All
	U19	US-4,456,014	06-26-1984	Buck <i>et al.</i>	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶	
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)					
	F1	DE	19 607 646	A1	09-11-1997	Muehlenberg <i>et al.</i>	Abstract	x
	F2	DE	29 902 593		07-15-1999	Genzyme Virotech GmbH	Abstract	x
	F3	EP	0 370 151	A1	05-30-1990	L'Air Liquide, S.A.	All	
	F4	EP	0 979 997	A1	02-16-2000	Siemens AG	Abstract	x

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

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Sheet

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First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Attorney Docket Number

UF-270C3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U20	US-4,534,360	08-13-1985	Williams	All
	U21	US-4,734,777	03-29-1988	Okino et al.	All
	U22	US-4,735,777	04-05-1988	Mitsui et al.	All
	U23	US-4,772,559	09-20-1998	Preti et al.	All
	U24	US-4,796,639	01-10-1989	Snow et al.	All
	U25	US-4,868,545	09-19-1989	Jones	All
	U26	US-4,895,017	01-23-1990	Pyke et al.	All
	U27	US-4,938,928	07-03-1990	Koda et al.	All
	U28	US-4,992,244	02-12-1991	Grate	All
	U29	US-5,003,985	04-02-1991	White et al.	All
	U30	US-5,034,192	07-23-1991	Wrighton et al.	All
	U31	US-5,042,501	08-27-1991	Kenny et al.	All
	U32	US-5,060,506	10-29-1991	Douglas	All
	U33	US-5,071,770	12-10-1991	Kolesar, Jr.	All
	U34	US-5,081,871	01-21-1992	Glaser	All
	U35	US-5,082,630	01-21-1992	Partin et al.	All
	U36	US-5,094,235	03-10-1992	Westenskow et al.	All
	U37	US-5,111,827	05-12-1992	Rantala	All
	U38	US-5,137,692	08-11-1992	Fritz	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				
	F5	GB	829 409 A	03-02-1960	Governors of the United Birmin	All	
	F6	GB	2 309 166 A	07-23-1997	Cleansharp Limited	All	
	F7	GB	2 329 245 A	03-17-1999	Cavkit Limited	All	
	F8	JP	08 313 407 A	11-29-1996	Suzuki Motor Corp.	Abstract	x
	F9	JP	09 196 915 A	07-31-1997	Otsuka Pharmaceut Co. Ltd.	Abstract	x

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

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JAUFB270C3/PTO/USPTO FORM 1449/PTO

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/588,749
				Filing Date	August 7, 2006
				First Named Inventor	Richard J. Melker
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	3	of	15	Attorney Docket Number	UF-270C3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U39	US-5,145,645	09-08-1992	Zakin <i>et al.</i>	All
	U40	US-5,167,972	12-01-1992	Greenberg <i>et al.</i>	All
	U41	US-5,179,027	01-12-1993	Fisher	All
	U42	US-5,252,292	10-12-1993	Hirata <i>et al.</i>	All
	U43	US-5,296,706	03-22-1994	Braig <i>et al.</i>	All
	U44	US-5,303,575	04-19-1994	Brown <i>et al.</i>	All
	U45	US-5,317,156	05-31-1994	Cooper <i>et al.</i>	All
	U46	US-5,325,704	07-05-1994	Mariani <i>et al.</i>	All
	U47	US-5,351,522	10-04-1994	Lura	All
	U48	US-5,361,771	11-08-1994	Craine <i>et al.</i>	All
	U49	US-5,409,839	04-25-1995	Balestrieri <i>et al.</i>	All
	U50	US-5,425,374	06-20-1995	Ueda <i>et al.</i>	All
	U51	US-5,447,165	09-05-1995	Gustafsson	All
	U52	US-5,453,359	09-26-1995	Gargan <i>et al.</i>	All
	U53	US-5,465,608	11-14-1995	Lokshin <i>et al.</i>	All
	U54	US-5,466,700	11-14-1995	Batenhorst <i>et al.</i>	All
	U55	US-5,482,601	01-09-1996	Ohshima <i>et al.</i>	All
	U56	US-5,495,744	03-05-1996	Ueda <i>et al.</i>	All
	U57	US-5,501,212	03-26-1996	Psaros	All

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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				
	F10	RU	2 104 535 C1	02-10-1998	Kogan <i>et al.</i>	Abstract	x
	F11	WO	87/02773 A1	05-07-1987	Autosense Corp.	All	
	F12	WO	92/10749	06-25-1992	Novapure Corporation	All	
	F13	WO	95/08113 A1	03-23-1995	Alpha M.O.S.	Abstract	
	F14	WO	95/31718	11-23-1995	Forschungszentrum Karlsruhe GmbH	Abstract	

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
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Sheet

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Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Attorney Docket Number **UF-270C3**

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		Number - Kind Code ² (if known)			
U58	US-5,528,924		06-25-1996	Wajid et al.	All
U59	US-5,547,878		08-20-1996	Kell	All
U60	US-5,558,083		09-24-1996	Bathe et al.	All
U61	US-5,560,352		10-01-1996	Heim et al.	All
U62	US-5,571,401		11-05-1996	Lewis et al.	All
U63	US-5,573,005		11-12-1996	Ueda et al.	All
U64	US-5,573,955		11-12-1996	Khanna et al.	All
U65	US-5,605,612		02-25-1997	Park et al.	All
U66	US-5,634,517		06-03-1997	Linden et al.	All
U67	US-5,645,072		07-08-1997	Thrall et al.	All
U68	US-5,716,852		02-10-1998	Yager et al.	All
U69	US-5,756,879		05-26-1998	Yamagishi et al.	All
U70	US-5,771,890		06-30-1998	Tamada	All
U71	US-5,776,783		07-07-1998	Kell	All
U72	US-5,783,154		07-21-1998	Althainz et al.	All
U73	US-5,783,449		07-21-1998	Kuznetsov	All
U74	US-5,795,787		08-18-1998	Silkoff et al.	All
U75	US-5,801,297		09-01-1998	Mifsud et al.	All
U76	US-5,826,577		10-27-1998	Perroz et al.	All

FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				
F15	WO	98/57145	A1	12-17-1998	Quadrivium, L.L.C.	All	
F16	WO	99/12471		03-18-1999	Oridion Medical Ltd.	All	
F17	WO	99/66304		12-23-1999	California Institute of Technology	All	
F18	WO	00/25108	A1	05-04-2000	Copp Life Systems	All	
F19	WO	00/67820		11-16-2000	Aneo Ab	All	

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U77	US-5,830,412		11-03-1998	Kimura <i>et al.</i>	All
U78	US-5,861,254		01-19-1999	Schneider <i>et al.</i>	All
U79	US-5,866,434		02-02-1999	Massey <i>et al.</i>	All
U80	US-5,891,398		04-06-1999	Lewis <i>et al.</i>	All
U81	US-5,900,552		05-04-1999	Chu <i>et al.</i>	All
U82	US-5,918,257		06-29-1999	Mifsud <i>et al.</i>	All
U83	US-5,925,014		07-20-1999	Teeple Jr.	All
U84	US-5,928,167		07-27-1999	Wagner <i>et al.</i>	All
U85	US-5,932,877		08-03-1999	Braig <i>et al.</i>	All
U86	US-5,945,069		08-31-1999	Buehler	All
U87	US-5,950,630		09-14-1999	Portwood <i>et al.</i>	All
U88	US-5,954,685		09-21-1999	Tierney	All
U89	US-5,958,896		09-28-1999	Renshaw <i>et al.</i>	All
U90	US-5,962,335		10-05-1999	Katzman	All
U91	US-5,971,937		10-26-1999	Ekström	All
U92	US-5,996,586		12-07-1999	Phillips	All
U93	US-6,007,775		12-28-1999	Yager	All
U94	US-6,010,459		01-04-2000	Silkoff <i>et al.</i>	All
U95	US-6,025,200		02-15-2000	Kaish <i>et. al</i>	All

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		Country Code ³	- Number ⁴ - Kind Code ⁵ (if known)				
F20	WO	00/79243	A1	12-28-2000	Cyrano Sciences, Inc.	All	
F21	WO	01/34024		05-17-2001	University of Florida	All	
F22	WO	01/93743		12-13-2001	Healthetech, Inc.	All	
F23	WO	02/17991	A2	03-07-2002	Healthetech, Inc.	All	
F24	WO	02/79514	A1	10-10-2002	The Trustees of Boston College	All	

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U96	US-6,057,162		05-02-2000	Rounbehler et al.	All
U97	US-6,063,243		05-16-2000	Zettl et al.	All
U98	US-6,067,167		05-23-2000	Atkinson et al.	All
U99	US-6,074,345		06-13-2000	Van Oostrom et al.	All
U100	US-6,085,576		07-11-2000	Sunshine et al.	All
U101	US-6,094,681		07-25-2000	Shaffer et al.	All
U102	US-6,097,485		08-01-2000	Lievan	All
U103	US-6,120,443		09-19-2000	Cohen-Laroque	All
U104	US-6,131,571		10-17-2000	Lampotang et al.	All
U105	US-6,136,801		10-24-2000	Kell	All
U106	US-6,153,147		11-28-2000	Craig	All
U107	US-6,180,414		01-30-2001	Katzman	All
U108	US-6,186,977		02-13-2001	Andrews et al.	All
U109	US-6,190,858		02-20-2001	Persaud et al.	All
U110	US-6,203,814		03-20-2001	Fisher et al.	All
U111	US-6,216,690		04-17-2001	Keitel et al.	All
U112	US-6,221,026		04-24-2001	Phillips	All
U113	US-6,234,006		05-22-2001	Sunshine et al.	All
U114	US-6,237,397		05-29-2001	Shinar et al.	All

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
F25	WO 03/16901 A1		02-27-2003	Samsung Electronics Co., Ltd.	All	
F26	WO 03/45473		06-05-2003	Müfa Ag	Abstract	
F27	WO 04/37316 A		05-06-2004	University of Florida	All	
F28	WO 04/65404 A1		08-05-2004	University of Florida Research Foundation, Inc.	All	

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/588,749
Sheet	7	of	15	Filing Date	August 7, 2006
				First Named Inventor	Richard J. Melker
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
				Attorney Docket Number	UF-270C3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U115	US-6,244,096	06-12-2001	Lewis <i>et al.</i>	All
	U116	US-6,248,078	06-19-2001	Risby <i>et al.</i>	All
	U117	US-6,251,082	06-26-2001	Rayburn I	All
	U118	US-6,261,783	07-17-2001	Jayasena <i>et al.</i>	All
	U119	US-6,264,913	07-24-2001	Wagner	All
	U120	US-6,277,081	08-21-2001	Susi <i>et al.</i>	All
	U121	US-6,283,953	09-04-2001	Ayer <i>et al.</i>	All
	U122	US-6,287,765	09-11-2001	Cubicciotti	All
	U123	US-6,303,316	10-16-2001	Kiel <i>et al.</i>	All
	U124	US-6,305,212	10-23-2001	Drzewiecki	All
	U125	US-6,312,390	11-06-2001	Phillips	All
	U126	US-6,319,724	11-20-2001	Lewis <i>et al.</i>	All
	U127	US-6,328,708	12-11-2001	Georgieff	All
	U128	US-6,341,520	01-29-2002	Satoh <i>et al.</i>	All
	U129	US-6,363,772	04-02-2002	Berry	All
	U130	US-6,387,329	05-14-2002	Lewis <i>et al.</i>	All
	U131	US-6,399,302	06-04-2002	Lannigan <i>et al.</i>	All
	U132	US-6,416,479	07-09-2002	Seidman	All
	U133	US-6,416,740	07-09-2002	Unger	All

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
	F29	WO 05/33707 A	04-14-2005	University of Florida Research Foundation, Inc.	All
	F30				
	F31				
	F32				

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

U.S. PATENT DOCUMENTS					
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	U134	US-6,455,319	09-24-2002	Lewis <i>et al.</i>	All
	U135	US-6,467,333	10-22-2002	Lewis <i>et al.</i>	All
	U136	US-6,479,019	11-12-2002	Goldstein <i>et al.</i>	All
	U137	US-6,495,824	12-17-2002	Atkinson	All
	U138	US-6,511,453	01-28-2003	Georgieff	All
	U139	US-6,558,626	05-06-2003	Aker <i>et al.</i>	All
	U140	US-6,589,727	07-08-2003	Klenerman <i>et al.</i>	All
	U141	US-6,597,438	07-22-2003	Cabuz <i>et al.</i>	All
	U142	US-6,598,459	07-29-2003	Fu	All
	U143	US-6,599,253	07-29-2003	Baum <i>et al.</i>	All
	U144	US-6,599,281	07-29-2003	Struys <i>et al.</i>	All
	U145	US-6,620,800	09-16-2003	Roberts II	All
	U146	US-6,631,333	10-07-2003	Lewis <i>et al.</i>	All
	U147	US-6,680,377	01-20-2004	Stanton <i>et al.</i>	All
	U148	US-6,727,075	04-27-2004	Fitzgerald <i>et al.</i>	All
	U149	US-6,755,783	06-29-2004	Cosentino <i>et al.</i>	All
	U150	US-2001/0021815	09-13-2001	Katzman <i>et al.</i>	All
	U151	US-2001/0041366	11-15-2001	Lewis <i>et al.</i>	All
	U152	US-2001/0046674	11-29-2001	Ellington	All
	U153	US-2001/0050228	12-13-2001	Jaeger	All
	U154	US-2001/0055544	12-27-2001	Copp	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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	F33					
	F34					
	F35					

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Attorney Docket Number

UF-270C3

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		Number - Kind Code ² (if known)			
U155	US-2002/0007249		01-17-2002	Cranley et al.	All
U156	US-2002/0007687		01-24-2002	Zimmermann et al.	All
U157	US-2002/0014236		02-07-2002	Dittmann et al.	All
U158	US-2002/0017300		02-14-2002	Hickle et al.	All
U159	US-2002/0026937		03-07-2002	Mault	All
U160	US-2002/0034757		03-21-2002	Cubicciotti	All
U161	US-2002/0068295		06-06-2002	Madou et al	All
U162	US-2002/0173729		11-21-2002	Viertio-Oja et al.	All
U163	US-2002/0177232		11-28-2002	Melker et al.	All
U164	US-2003/0004426		01-02-2003	Melker et. al.	All
U165	US-2003/0008407		01-09-2003	Fu et al.	All
U166	US-2003/0059820		03-27-2003	Vo-Dinh	All
U167	US-2003/0087239		05-08-2003	Stanton et al.	All
U168	US-2003/0119065		06-26-2003	Lin et al.	All
U169	US-2003/0139681		07-24-2003	Melker et al.	All
U170	US-2003/0185760		10-02-2003	Lanza et al.	All
U171	US-2003/0216660		11-20-2003	Ben-Oren et al.	All
U172	US-2004/0027246		02-12-2004	Aguglia	All
U173	US-2004/0038386		02-26-2004	Zesch et al.	All
U174	US-2004/0101477		05-27-2004	Leyland-Jones	All
U175	US-2004/0236244		11-25-2004	Allen et al.	All
U176	US-2005/0037374		02-17-2005	Melker et al.	All
U177	US-2005/0065446		03-24-2005	Talton	All
U178	US-RE38,728		04-19-2005	Katzman et al.	All
U179	US-09/708,789 (Application No.)		11-08-2000 (Date Filed)	Lampotang et al.	All

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet 10 of 15

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Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Attorney Docket Number UF-270C3

NON PATENT LITERATURE DOCUMENTS

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	R1	ARVANITAKIS, C. et al., "Lactase Deficiency- a Comparative Study of Diagnostic Methods," <i>The American Journal of Clinical Nutrition</i> , October 1977, pages 1597-1620, Vol. 30.	
	R2	BALLANTINE, D.S. et al., "Surface Acoustic Wave Devices for Chemical Analysis," <i>Anal. Chem.</i> , 1989, pages 704A-712A, Vol. 61, No. 11.	
	R3	BARKLEY, J. et al., "Gas Chromatography Mass Spectrometry Computer Analysis of Volatile Halogenated Hydrocarbons in Man and His Environment- A Multimedia Environmental Study," <i>Biochemical Mass Spectrometry</i> , 1980, pages 139-147, Vol. 7, No. 4.	
	R4	BRODY et al., "Aptamers as therapeutic and diagnostic agents", <i>Reviews in Molecular Biotechnology</i> , 2000, Vol. 74, pp. 5-13.	
	R5	BRODY et al., "The use of Aptamers in Large Arrays for Molecular Diagnostics", <i>Molecular Diagnosis</i> , 1999, Vol. 4, No. 4, pp. 381-388.	
	R6	CAI, H. et al., "Carbon Nanotube-Enhanced Electrochemical DNA Biosensor for DNA Hybridization Detection", <i>Anal. Bioanal. Chem.</i> , 2003, Vol. 375, pp. 287-293.	
	R7	CASPARY, W.F., "Breath Tests," <i>Clinics in Gastroenterology</i> , May 1978, pages 351-374, Vol. 7, No. 2.	
	R8	CHANDIOK et al., "Screening for bacterial vaginosis: a novel application of artificial nose technology", <i>Journal of Clinical Pathology</i> , 1997, Vol. 50, No. 9, pp. 790-791.	
	R9	CONKLE, J.P. et al., "Trace Composition of Human Respiratory Gas," <i>Arch. Environ. Health</i> , June 1975, pages 290-295, Vol. 30.	
	R10	DICKINSON, T. A. et al., "Current Trends in 'Artificial-Nose' Technology," <i>Tib Tech</i> , June 1998, Vol. 16, pp. 250-258.	
	R11	FANG et al., "Detection of Organic Chemicals by SAW Sensor Array", <i>Sensors and Actuators</i> , 1999, Vol. B56, pp. 155-157.	

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Sheet	11	of	15	Application Number	10/588,749
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	R12	FISHER <i>et al.</i> "A man-portable chemical sniffer utilizing Novel Fluorescent polymers for detection of ultra-trace concentrations of explosives emanating from landmines," <i>Nomadics Inc.</i> , 2000, pp. 1-10.			T ²
	R13	FRAUENDORF <i>et al.</i> , "Detection of Small Organic Analytes by Fluorescing Molecular Switches", <i>Bioorganic & Medicinal Chemistry</i> , 2001, pp. 2521-2524, Vol. 9.			
	R14	FUJITA <i>et al.</i> , "A Simple method for detecting plasma propofol", <i>Anesth. Analog</i> , 2000, Vol. 90, pp. 1452-1454.			
	R15	GAGE, J.C. <i>et al.</i> , "A Method for the Determination of Low Concentrations of Organic Vapours in Air and Exhaled Breath," <i>Ann. Occup. Hyg.</i> , 1977, pages 127-134, Vol. 20.			
	R16	GANGA-ZANDZOU, P.S. <i>et al.</i> "A ¹³ C-urea breath test in children with <i>Helicobacter pylori</i> infection: validity of the use of a mask to collect exhaled breath sample," <i>Acta. Paediatr.</i> , 2001, Vol. 90, pp. 232-233.			
	R17	GRATE <i>et al.</i> , "Determination of Partition Coefficients from Surface Acoustic Wave Vapor Sensor Responses and Correlation with Gas- Liquid Chromatographic Partition Coefficients," <i>Anal. Chem.</i> , 1988, pages 869-878, Vol. 60.			
	R18	GROVES <i>et al.</i> , "Analyzing organic vapors in exhaled breath using a surface acoustic wave sensor array with preconcentration: Selection and characterization of the preconcentrator adsorbent", <i>Analytica Chimica Acta</i> , 1998, pp. 131-143, Vol. 371.			
	R19	HAMMON III, W. S. <i>et al.</i> , "Forensic GPR: Finite-Difference Simulations of Responses From Buried Human Remains," <i>Journal of Applied Geophysics</i> , 2000, Vol. 45, pp. 171-186.			
	R20	HANSON <i>et al.</i> , "The use of a novel 'electronic nose' to diagnose the presence of intrapulmonary infection," <i>Anesthesiology</i> , Sep. 1997, Vol. 87, No. 3A, Abstract A269			
	R21	HUANG <i>et. al.</i> , "Depth of anesthesia estimating & propofol delivery system", Aug. 1, 1996, http://www.rpi.edu/~royr/roy_descpyt.html .			

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				Filing Date	August 7, 2006
				First Named Inventor	Richard J. Melker
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	R22	JAYASENA, "Aptamers: An Emerging Class of Molecules That Rival Antibodies in Diagnostics" <i>Clinical Chemistry</i> , 1999, Vol. 45, No. 9, pp. 1628-1650.		
	R23	KENNY, "Target-controlled infusions-pharmacokinetic and pharmacodynamic variations," http://www.anesthesiologie.med.uni-erlangen.de/esctaic97/a_kenny.htm .		
	R24	KRAMAN, P., "Prescription Drug Diversion," <i>Trends Alert</i> provided by the Council of State Government at www.csg.org , April 2004.		
	R25	KROTOSZYNSKI, B.K. et al., "Characterization of Human Expired Air: A Promising Investigative and Diagnostic Technique," <i>J. Chromat. Sci.</i> , July 1977, pages 239-244, Vol. 15.		
	R26	KUIPERS et al., "First-pass lung uptake and pulmonary clearance of propofol," <i>Anesthesiology</i> , 1999, Vol. 91, pp. 1780-1787.		
	R27	LIEBICH et al. "Volatile Substances in Blood Serum: a Profile Analysis and Quantitative Determination," <i>Journal of Chromatography</i> , 1977, Vol. 142, pp. 505-516.		
	R28	LUKENS, "Detection of drug usage via breath analysis within immunoassay film badge," <i>Proceedings of SPIE-The International Society for Optical Engineering</i> , 1997, pages 79-83, Vol. 2932.		
	R29	MANOLIS et al, "The detection of Δ^9 -tetrahydrocannabinol in the breath of human subjects," <i>Clinical Biochemistry</i> , 1983, pages 229-233, Vol. 16, No. 4.		
	R30	MAUGH, T.H., "Separations by MS Speed Up, Simplify Analysis," <i>Science, New Series</i> , August 8, 1980, pages 675-677, Vol. 209, No. 4457.		
	R31	MCLAFFERTY, F., "Tandem Mass Spectrometry," <i>Science, New Series</i> , October 16, 1981, pages 280-287, Vol. 214, No. 4518.		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

13

of

15

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Attorney Docket Number

UF-270C3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R32	MILLER III, E. R. <i>et al.</i> , "Association Between Cigarette Smoking and Lipid Peroxidation in a Controlled Feeding Study," <i>Circulation</i> , August 1997, Vol. 96, No. 4, pp. 1097-1101.	
	R33	MUELLER <i>et al.</i> "Experience in mass spectrometric identification in acute poisoning," <i>Beitr. Diagn. Ther. Akuter. Intox., Vortr. Symp. 4th</i> , 1982, pp. 126-134, ABSTRACT ONLY.	
	R34	O'NEILL, <i>et al.</i> , "A Computerized Classification Technique for Screening for the Presence of Breath Biomarkers on Lung Cancer," <i>Clinical Chemistry</i> , 1988, pages 1613-1618, Vol. 34, No. 8.	
	R35	PANTAROTTO D. <i>et al.</i> , "Synthesis, Structural Characterization, and Immunological Properties of Carbon Nanotubes Functionalized with Peptides", <i>J. Am. Chem. Soc.</i> , 2003, Vol. 125, pp. 6160-6164.	
	R36	PARRY <i>et al.</i> , "Leg ulcer odour detection identified β -haemolytic streptococcal infection," <i>Journal of Wound Care</i> , October 1995, Vol. 4, No. 9, pp. 404-406.	
	R37	PAVLOU <i>et al.</i> , "Sniffing out the truth: Clinical Diagnosis Using the Electronic Nose," <i>Clin. Chem. Lab. Med.</i> , 2000, Vol. 38, No. 2, pp. 99-112.	
	R38	PERRI, F. "Diagnosis of <i>Helicobacter pylori</i> infection: which is best? The urea breath test," <i>Dig. Liver. Dis.</i> , 2000, Vol. 32, Supp. 3, pp. S196-198.	
	R39	PHILLIPS, "Breath Tests in Medicine" <i>Scientific American</i> , July 1992, pp. 74-79.	
	R40	ROGERS <i>et al.</i> "Fiber-optic biosensors based on total internal-reflection fluorescence," <i>American Chemical Society</i> , 1992, Ch. 13, pp. 165-173.	

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
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Sheet 14 of 15

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	R41	SCHWABE, A.D. et al., "Breath Tests for the Detection of Fat Malabsorption," <i>Gastroenterology</i> , 1979, pages 216-218, Vol. 76, No. 1.	
	R42	STOJANOVIC et al., "Aptamer-Based Folding Fluorescent Sensor for Cocaine" <i>Journal of the American Chemistry Society</i> , 2001, Vol. 123, No. 21, pp. 4928-4931.	
	R43	STUART, B. H. et al., "Studies of Adipocere Using Diffuse Reflectance Infrared Spectroscopy," <i>Vibrational Spectroscopy</i> , 2000, Vol. 24, pp. 233-242.	
	R44	STUBBS, D. D. et al., "Investigation of Cocaine Plumes Using Surface Acoustic Wave Immunoassay Sensors," <i>Anal. Chem.</i> , November 2003, Vol. 75, No. 22, pp. 6231-6235.	
	R45	TRACQUI, A. et al. "Systematic Toxicological Analysis Using HPLC/DAD," <i>Journal of Forensic Sciences</i> , 1995, Vol. 40, No. 2, pp. 254-262.	
	R46	UNITED STATES DEPARTMENT OF JUSTICE, "Review of the Drug Enforcement Administration's (DEA) Control of the Diversion of Controlled Pharmaceuticals," Report Number I-2002-010 www.usdoj.gov/oig/inspection/DEA/0210/background.htm , September 2002.	
	R47	U.S. FOOD AND DRUG ADMINISTRATION, "FDA White Paper, Protecting the Public Health: FDA Pursues and Aggressive Enforcement Strategy," www.fda.gov/oc/whitepapers/enforce.html , June 30, 2003.	
	R48	U.S. FOOD AND DRUG ADMINISTRATION, "New FDA Initiative to Combat Counterfeit Drugs," www.fda.gov/oc/initiatives/counterfeit/backgrounder.html , July 2, 2004.	
	R49	VASS, A., "Beyond the Grave – Understanding Human Decomposition," <i>Microbiology Today</i> , November 2001, Vol. 28, pp. 190-192.	
	R50	VASS, A. et al., "Decomposition Chemistry of Human Remains: A New Methodology for Determining the Postmortem Interval," <i>J. Forensic Sci.</i> , 2002, Vol. 47, No. 3, pp. 542-553.	

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	R51	VASS, A. et al., "Detection of Buried Human Remains Using Bioreporter Fluorescence," U.S. Dept. of Energy Report, Y/NSP-726, October 2001.		
	R52	WOHLTJEN et al., "Vapor Detection with Surface Acoustic Wave Microsensors", <i>American Chemical Society</i> , 1989, pp. 157-175.		
	R53	YOST, R.A. et al., "Triple Quadrupole Mass Spectrometry for Direct Mixture and Analysis and Structure Elucidation," <i>Analytical Chemistry</i> , October 1979, pages 1251-1264, Vol. 51, No. 12.		
	R54			
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	R57			
	R58			
	R59			
	R60			

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